

19980214.qrp v01_n001.qrs.980214

Date: Sat, 14 Feb 1998 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1001

QRP-L Digest 1001

Topics covered in this issue include:

- 1) [3786] Re: QF0? QF0?
by Peter Larsen <larsenp@cadvision.com>
- 2) [3787] SOLD - Re: FS: partical 49er kit
by Stanley Wilson <microres@crl.com>
- 3) [3788] Re: LASER QRP
by Dale LeDoux <dledoux@laci.net>
- 4) [3789] SCAF IC source
by Brien Pepperdine <pepperb@govonca.gov.on.ca>
- 5) [3790] Re: LASER QRP
by "Ken Hanks" <kennfd@ibm.net>
- 6) [3791] Uh oh...
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 7) [3792] RE: LASER QRP
by Andreas Junge <andreas@atltech.com>
- 8) [3793] Re: A correction: FYBO '98
by Brian Kassel <bkassel@dancris.com>
- 9) [3794] Re: Solar Storm for ARRL DX contest
by N5SMQ@aol.com
- 10) [3795] Tnx info on Dan's kits
by "Jerry Kitterman" <jerry@otherside.com>
- 11) [3796] Re: FOX humble pie
by "George Edwards" <gedwards@onramp.net>
- 12) [3797] Fox and other stuff
by Jerrydeen@aol.com
- 13) [3798] elmer101:hndbk price
by dave_epps@juno.com
- 14) [3799] amazon.com shipping??
by Roger Braker <msebrakr@telepath.com>
- 15) [3800] Followup on Ten-Tec 1340
by Karl Heimbach <heimbach@concentric.net>
- 16) [3801] Help with GQ2000 Circuit
by WU0L@aol.com
- 17) [3802] FS: OHR400/DD-1
by Phil Rutledge <rut@mcrut.mv.com>
- 18) [3803] RE:Dan's kits
by maccary@on-ramp.ior.com
- 19) [3804] FYBO Pix - N8ET/W5FN

- by Tim Ahrens <tahrens@inetport.com>
- 20) [3805] Re: Help with GQ2000 Circuit
by Tim Ahrens <tahrens@inetport.com>
- 21) [3806] Re: Laser QRP
by nq2rp@juno.com (B/BAMS Club Station)
- 22) [3807] elmer101: QRP Power book
by Rick McNelly <72507.235@compuserve.com>
- 23) [3808] RE:Dan's kits
by "Frank Grigaliunas" <fgrig@iea.com>
- 24) [3809] Re: FOX humble pie
by Monte Stark <ku7y@sage.dri.edu>
- 25) [3810] Re: Laser QRP
by n7mfb@juno.com (Bill Todd)
- 26) [3811] Re: Looking for Mini Circuits mixers
by Leon Heller <leon@lfheller.demon.co.uk>
- 27) [3812] Laser Communications (QRP, of course...)
by Dave Fifield <fifield@pacbell.net>
- 28) [3813] Re: QRP mobile
by "Roger Whitaker [K9LJB]" <k9lj@iname.com>
- 29) [3814] Happy 1000th Digest!!
by Dave Fifield <fifield@pacbell.net>
- 30) [3815] Ten Tec 1254, any comments??
by Scott Bauer <ke3nv@erols.com>
- 31) [3816] Re: Happy 1000th Digest!!
by Monte Stark <ku7y@dri.edu>
- 32) [3817] Re: QF0? QF0?
by Dick G0BPS <R00@kanga.demon.co.uk>
- 33) [3818] Re: Dummy Load
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 34) [3819] FS: OHR400
by Phil Rutledge <rut@mcrut.mv.com>
- 35) [3820] FOX: N/T Fox on Valentine's Day
by W2MY & W2MBY <n2mnn@spacegate.com>
- 36) [3821] Elmer101:Book Sources
by Bruce Muscolino <w6toy@pop.erols.com>
- 37) [3822] 160M QRPp Beacon
by Paul Stroud <aa4xx@ipass.net>
- 38) [3823] ELMER101
by wa8rxi@juno.com (Rick Arzadon)
- 39) [3824] Portable lights
by "William R. Moore" <wr.moore@worldnet.att.net>
- 40) [3825] Re: FYBO Pix - N8ET/W5FN
by Chris Cartwright <ccart@dns.vidtel.com>
- 41) [3826] Re: VFO's and SCAF's
by Leon Heller <leon@lfheller.demon.co.uk>
- 42) [3827] OHR SCAF chips
by Lee Lumpkin <lumpkin@cs.oberlin.edu>
- 43) [3828] Sputnik40 QSL

by "Ron Polityka" <wb3aal@talon.net>
44) [3829] Re: OHR SCAF chips
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
45) [3830] AH7R 21.058 1834Z
by Zack Lau <zlau@arrl.org>
46) [3831] Re: FYBO Pix - N8ET/W5FN
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
47) [3832] N8VZU/AG
by Shepherd@aol.com
48) [3833] RE: AH7R 21.058 1834Z
by gregoire@endor.com
49) [3834] Aurdio Filter
by "Marshall Emm" <mgemm@mtechnologies.com>
50) [3835] Am I ready? Update
by eakwik@mail.hac.com
51) [3836] Re: Am I ready? Update
by "Walter Dufrain" <walter@inlink.com>
52) [3837] Re: N8VZU/AG
by "Walter Dufrain" <walter@inlink.com>
53) [3838] Sierra & KC-2 mods ...
by "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
54) [3839] wtb- Wavetek manual
by Phil <k6ls@prolynx.com>
55) [3840] Vari SCAF
by flydnq7x@primenet.com (Floyd Smithberg)
56) [3841] Re: Am I ready? Update
by Shepherd@aol.com
57) [3842] N/T+ Fox for 2/16/98 Kinda :-)
by Shepherd@aol.com
58) [3843] Re: Am I ready? Update
by "Ron Smith" <resmith@primenet.com>
59) [3844] N/T+ Fox for 2/16/98 Kinda :-)
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
60) [3845] mobile qrp
by crc <crc@io.com>
61) [3846] Looking for Mohican--WTB
by "QRPDave" <QRPDave@ocsnet.net>
62) [3847] SWLmer Prerequisites
by "James R. Duffey" <jamesd1@flash.net>
63) [3848] WTB: Heathkit Mohican RX
by "QRPDave" <QRPDave@ocsnet.net>
64) [3849] RS Freq Counter Update & Summary...
by Conrad <radman@best.com>
65) [3850] R.A. Kent Keys
by Elekktron1@aol.com
66) [3851] RE: AH7R 21.058 1834Z
by "Lau, Zack, W1VT" <zlau@arrl.org>

Date: Sat, 14 Feb 1998 00:03:48 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: resmith@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3786] Re: QF0? QF0?
Message-ID: <34E4DF63.BE2992B5@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> >Go away rapidly, with sexual links (ignore the 'Q')
>
> It has the same defination here (without the 'Q') but by adding the
> 'Q' I
> presume it means just the opposit. :-)

Does the "Q" mean "quietly"??

VE6NA0/VE6PJL

Date: Fri, 13 Feb 1998 16:18:59 -0800 (PST)
From: Stanley Wilson <microres@crl.com>
To: doug hauff <slmachco@fix.net>
Cc: qrp-l@Lehigh.EDU
Subject: [3787] SOLD - Re: FS: partical 49er kit
Message-ID: <Pine.SUN.3.91.980213161826.15989B-1000000@crl6.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry it is gone.

Date: Fri, 13 Feb 1998 07:37:19
From: Dale LeDoux <dledoux@laci.net>
To: designserv@ipass.net
Cc: qrp-l@Lehigh.EDU
Subject: [3788] Re: LASER QRP
Message-ID: <3.0.1.16.19980213073719.1f476602@laci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:35 2/13/98 -0800, you wrote:

>Have been practicing Laser CW against trees in next subdivision
>and aimed at moon. Didn't seem to bother laser. Made certain
>that Laser mount and aiming platform (made by Beretta) was
>kept in standby mode.

>

>So far, no answers to my CQ. Any of you guys good on laser
>receiving systems ? What does a laser quad look like?

>

a few thoughts:

Well, you could always flip the safety off, QRO a dit or two and then say
"listen for my QRP". That may be one solution for soliciting participation
and cooperation from QRO neighbors...

Hmmm... Laser quad... you might try a receiver diode or phototransistor on
the output end of a spotting scope. I have a nice 50X but darned if i can
tell how to figure the dB gain of the darned thing...

72--
dale
KD5QI

Date: Fri, 13 Feb 1998 20:00:47 -0500 (EST)
From: Brien Pepperdine <pepperb@govonca.gov.on.ca>
To: qrp-l@Lehigh.EDU
Subject: [3789] SCAF IC source
Message-ID: <Pine.OSF.3.93.980213195848.26307I-1000000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

FAR Circuits has the ICs listed on their WWW page (last update Jan 1998,
so this is current info) at 8 dollars each. Much nicer.
(National MF8CCN switched cap IC)

This audio filter is from the October 1992 QST for those who are beginning
to wonder and didn't know AND in spite of the fact that OHR has stopped
making their kit, I know from seeing one that the Ramsey kit is basically
the same, and uses the exact same IC.

Go to: <http://www.cl.ais.net/farcir/>

for all the info on boards and the ICs too.

This was via the Brian Carling WWW page Megalist, by the way, since Bry's ref popped up on the AltaVista Search almost at the beginning of the search results. Seek, and find (if lucky).

Brien
Toronto

Date: Fri, 13 Feb 1998 20:09:12 -0500
From: "Ken Hanks" <kennfd@ibm.net>
To: <dledoux@laci.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [3790] Re: LASER QRP
Message-ID: <01bd38e5\$29237de0\$LocalHost@kh>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Well, you could always flip the safety off, QRO a dit or two and then say
>"listen for my QRP". That may be one solution for soliciting participation
>and cooperation from QRO neighbors...

Dale:

Of course, it could be a big gun that returns your CQ

Ken K1XS@ibm.net

Date: Fri, 13 Feb 1998 18:11:11 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [3791] Uh oh...
Message-ID: <Pine.LNX.3.96.980213180740.30907A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Someone on this list (forgot who) changed my e-mail address previously. However, it still wouldn't let me POST to the mailing list (QRP-L). So I tried to unsubscribe from the list, and re-subscribe. Now I'm getting TWO copies of each message. Can the list administrator please help out here? :)

Thanks.

=====

-| TEAM DOLPHIN |-
Chief Architect and Project Founder
(web page under construction)

PGP 5.0 Public Key Available Upon Request.

Date: Fri, 13 Feb 1998 17:33:58 -0800
From: Andreas Junge <andreas@atltech.com>
To: qrp-l@Lehigh.EDU
Subject: [3792] RE: LASER QRP
Message-ID: <01BD38A5.915E0820.andreas@atltech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Maybe there is some surplus SDI equipment for the big guns (HIHI)...

On Friday, February 13, 1998 5:09 PM, Ken Hanks [SMTP:kennfd@ibm.net] wrote:
>
> >Well, you could always flip the safety off, QRO a dit or two and then say
> >"listen for my QRP". That may be one solution for soliciting participation
> >and cooperation from QRO neighbors...
>
> Dale:
>
> Of course, it could be a big gun that returns your CQ
>
> Ken K1XS@ibm.net
>
>

Date: Fri, 13 Feb 1998 18:36:08 -0800
From: Brian Kassel <bkassel@dancris.com>
To: wa5whn@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3793] Re: A correction: FYBO '98
Message-ID: <34E50318.84F@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

wa5whn@juno.com wrote:

>

> qrp-lers,

> All the email about the photos {<http://home.earthlink.net/~n7kt/>}
> around NA5N's alledged "38 Magnum"; no such critter. However, I did hear
> that Kenneth Star is looking into this alledged event. ;-) Paul, hold
> out for the movie & book deals.

Hmmm...

I was wondering why Tim kept asking me to talk into his tie clip,
and kept having to run to town for 9 volt batteries.

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Fri, 13 Feb 1998 21:09:32 EST
From: N5SMQ@aol.com
To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [3794] Re: Solar Storm for ARRL DX contest
Message-ID: <ae54f8ca.34e4fcde@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Excuse me, but I do wish the gentleman telling about the solar flare would not
use such profane language.....Is we is or is we ain't gonna be able to hear
during the ARRL DX contest.....Butch N5SMQ @ South La.

Date: Fri, 13 Feb 1998 21:36:22 -0500
From: "Jerry Kitterman" <jerry@otherside.com>
To: <qrp-1@Lehigh.EDU>
Subject: [3795] Tnx info on Dan's kits
Message-ID: <199802140245.VAA12621@jupiter.otherside.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks to everyone that replied to my mail on Dan's kits. I have not decided which way I want to go. I just wanted to get a feel of everyone's thought's on Dan's kits. Thank's again.

72
Jerry
W9CTB

Date: Fri, 13 Feb 1998 21:07:35 -0600
From: "George Edwards" <gedwards@onramp.net>
To: <tpettibo@NMSU.Edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3796] Re: FOX humble pie
Message-ID: <199802140308.VAA24328@mailhost.onramp.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Tim.....double Hmmmmmmmmmm, I'm not in the log either.....I was probably the other guy giving the report at the same time you were! It was very early in the hunt....about 10 after the hour.....I "heard" Mike respond with his report to what sounded like
K5 U? to me and after his report....I responded with de K5VUU and my report and the timing was perfect because as soon as I sent BK....he sent BK and QRZ and I thought I had him.....obviously an error on my part! Maybe we "doubled"....or were there 3 of us? Looking at the log.....this would have been about the time Gene.....K5UP got his fox.....which may explain what I heard. Ain't it fun?.....just like the night Dean was the fox and I kept hearing the AN station calling CQ when he sent his name and number.....de AN.....

Either way....looks like we didn't bag him.

73/K5VUU/Ed
George Edwards

Spring, TX

> From: Tim Pettibone <tpettibo@NMSU.Edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: FOX humble pie
> Date: Friday, February 13, 1998 5:40 PM
>
> Hmm, Mike doesn't have me in his log. That means one of two things. He
> screwed up and forgot to put me in there, or (heaven forbid) I didn't
work
> him! After all my bragging about snagging him with 2 watts mobile, into
a
> wet noodle (I mean Hamstick), that's embarrassing. He remembers two
> stations giving him a report at the same time - one was probably me, the
> one he didn't call in the first place. FOX fever can do that to a guy.
> What's hurtful about all of this (in addition to the red face) is that I
> now have to go back to my master FOX list and erase FOX number 25 for the
> season. I can see the tears smearing those entries, and the sound of
> sobbing echoing into the night....
>
> Tim K50I
>
>
>

Date: Fri, 13 Feb 1998 22:14:33 EST
From: Jerrydeen@aol.com
To: qrp-1@Lehigh.EDU
Subject: [3797] Fox and other stuff
Message-ID: <e271a2a3.34e50c1b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello gang-

Mike, you were strong here at the beginning, but I couldn't break the pileup! Later, signals were weaker by far. Thanks for digging me out after about an hour. I was running 2 watts into a 135' Windom up 48'. Great job.

Paul, thanks for taking over the 9000 MFJ newsletter. My check will be on the way soon. I just purchased a 9040, and I need help to make it work better, especially the delay between xmit and receive. I know, I'm spoiled by Ten tec.

If you haven't read Ade Weiss' article on dirt and antennas, it is worth your while. I found it on NW QRP web site. It is vintage Ade, just like the Milliwatt and Joy of QRP, History of QRP, etc. Not only is Ade speaking at Dayton, he will be giving a presentation Friday eve, May 29, and Saturday, May 30 at the Hamboree/Dakota/Midwest Convention at the Marina Inn in South Sioux City, NE

Also, thanks for the great info I read here on qrp-l. The fox hunts, the knowledge from the group are worth many mag subscriptions. Sorry about the bandwidth.

72 Jerry WB0T
2909 S Olive St.
Sioux City, IA

Date: Fri, 13 Feb 1998 19:57:31 -0800
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [3798] elmer101:hndbk price
Message-ID: <19980213.195739.6686.0.dave_epps@juno.com>

Today I bought the 1998 ARRL Handbook for \$32.00 plus calif sales tax at the local electronics store.
I am ready and I appreciate all of the Elmers efforts.
 tk's dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 13 Feb 1998 23:03:04
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [3799] amazon.com shipping??
Message-ID: <3.0.1.16.19980213230304.0877aec2@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,

Does any body know how much amazon book charges for shipping on the ARRL Handbook? I couldn't find it anywhere on there web site. Thanks.

73,
Arnold kd5ckh

Date: Fri, 13 Feb 1998 22:04:15 -0600
From: Karl Heimbach <heimbach@concentric.net>
To: "qrp-1@LEHIGH.EDU" <qrp-1@Lehigh.EDU>
Subject: [3800] Followup on Ten-Tec 1340
Message-ID: <34E517BE.6BDF@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello group,

Many thanks to all that replied with suggestions to eliminate parasitics in the Ten-Tec 1340. I've got a solution (per suggestion of Gary Green of Ten-Tec). Please read on.

The following is my original post:

I seen similar posts in the past regarding the performance issues with the Ten-Tec Model 1330.

I've just assembled a 1340 and have great difficulty loading it with a tuner. Looking at the antenna output with a 'scope, when the rig is terminated into a dummy load, all looks fine. However, as soon as I switch over to my antenna (a Cushcraft A-3 with a 40 meter kit) and attempt to trim the SWR with a MFJ 949D tuner, the output becomes garbage (lots of hash at around 5.5 Mhz).

I would appreciate it if anyone with a similar experience or solution to this problem would contact me.

What to do:

After checking and double checking for correct component placement, rewinding T1 twice, removing a turn from L8, L9, and L10, soldering the emitter of Q15 to the top ground plane, and substituting a 2SC2075 for the 2SC2166, I still found I had nice RF connected to a dummy load, and nothing but parasitics (self-oscillation) when connected to a resonant

antenna.

Gary mentioned that he had seen some evidence of coupling between L8, L9, and L10 in the Ten-Tec 1320. The solution there was to move the turns on the toroids as far away from each other as possible; that is those on L8 to the back of the board, those on L9 away from TI, and those on L10 to the front of the board.

I took a pair of padded needle nose pliers, relocated the turns per the above, and found that the parasitics vanished. I get about 3 watts at 7.005 and 4 watts at 7.075.

Hope this helps those of you with the same problem.

Best regards,

Karl - W5QJ

Date: Fri, 13 Feb 1998 23:16:56 EST
From: WU0L@aol.com
To: qrp-l@Lehigh.EDU
Subject: [3801] Help with GQ2000 Circuit
Message-ID: <308bf3c9.34e51abc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In the Spring 1997 issue of SPRAT, for the GQ2000 transceiver, no value is given for capacitor C51 for the QSK switch. Since this is part of the sequencing timing circuit, it seems to be a little critical.

Does anyone know the correct value for C51?

Also on TR3, the collector and emitter should be reversed on the drawing.

Thanks 72 Mark WU0L

Date: Fri, 13 Feb 1998 23:25:02 -0500
From: Phil Rutledge <rut@mcrut.mv.com>
To: qrp-l@Lehigh.EDU
Subject: [3802] FS: OHR400/DD-1
Message-ID: <199802140419.XAA07995@mercury.mv.net>

Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<html>
Hello all,

Due to the acquisition of additional equipment, I will be selling my Oak Hills OHR400 QRP rig. Rig covers 80, 40, 30, and 20 meter bands and delivers a good 5 watts+/- (adjustable) on all bands. Also featured are built in CW keyer w/ speed control, audio filter, AGC, "tune" setting, RF gain control, and=A0 manual copy. This unit is in excellent cosmetic and operational condition. Price for rig=A0 \$295.00 and includes shipping CONUS. If interested, drop me a note.

Thanks & 72/73--Phil=A0 (K1HS)=20

</html>

Date: Fri, 13 Feb 1998 21:03:37
From: maccary@on-ramp.ior.com
To: qrp-l@Lehigh.EDU
Subject: [3803] RE:Dan's kits
Message-ID: <3.0.3.16.19980213210337.1b971842@on-ramp.ior.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jerry, W9CTB wrote:
Gang,
Has anyone out there builtrigs
from Dan's?? I'am wanting to know about things such as ease of building,
quality of the kit.....alignment..... most
of the things I have heard about Dan's kits, overall, has not been the
best.....

I have not built the two kits mentioned but have built his Traveler RX and bandpass filter and they went together easily, PROVIDED, you can translate a schematic into reality. All the parts and board are supplied along with the schematic, in the case of the RX, a reprint of the article in 73 mag. There is no step by step manual telling you to "solder wire A to lug 6 on widget K" a la later Heathkits.

I built one of Heath's first offerings, VTVM Model V2 from 11/24/48 and although the unit is long gone, I saved the manual. It is only a few pages

long with a parts list, schematic, and photos of parts placement. The manual is a masterpiece of understatement with helpful lines such as ".....the actual wiring is shown in prints 61 and 62.....the location of the wires is not critical.....observe that there are flat sides on the knob shafts and wire the switches so these will be on the side toward the bottom.....mount the balance of resistors....install the line cord.....".

The big kit vendors like Heath, Eico, Johnson etc must have spent a lot of time and worry trying to make a manual that would allow a piece of gear to go together without mistakes and they did Beta testing of sorts by sending out kits under development for folks to assemble. I don't think a small, one man operation is in any position to furnish this kind of service.

Mac

Date: Fri, 13 Feb 1998 23:05:39 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-1@lehigh.edu
Subject: [3804] FYBO Pix - N8ET/W5FN
Message-ID: <34E52623.56F24041@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Finally found a place, and figured out how to put the web page up..
kinda made it a 'semi-official' function on the dept's page.

Please excuse the appearance, speed, & other things that I probably did wrong.. it's the first web page that I've put up. (although constructive suggestions via private e-mail will be accepted)! :-)

Got some pix of Mr. KangaUSA himself, plus some other shots. If you get a chance, check it out & send me some comments. I know that the pix are a bit big.. about 70-80k each, & I'm gonna trim em down more.

I'm just happy it comes up like a 'real' page!

Thanks!!

Tim W5FN

www.inetport.com/~driftvfd/newpage1.htm

Date: Fri, 13 Feb 1998 23:15:28 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: WU0L@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3805] Re: Help with GQ2000 Circuit
Message-ID: <34E52870.405A46F6@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mark - send an e-mail to: hands@rf-kits.demon.co.uk. That's Sheldon Hands, & since he's doing the kitting, I'm sure he'd know.

cu

Tim W5FN

Date: Fri, 13 Feb 1998 21:09:16 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: rhaslach@CapAccess.org, qrp-1@lehigh.edu
Subject: [3806] Re: Laser QRP
Message-ID: <19980213.210821.4711.0.nq2rp@juno.com>

Hi Robert. Keith here in the Great Bergen Swamp of WNY...

I am sending this directly, and posting to the list for others interested in such a project...

I built the Laser transceiver from the original article, printed by Ev Tupis, WB2ELB (now K2IV), and handed out at the VHF Symposium at the Rochester Hamfest/WNY ARRL Convention in May 1994 (!!!)

The one mod that has been done locally is to bridge the transformer secondary (the Laser side) with a 27 - 47 ohm, 1/2-watt resistor. This keeps the Laser at 50 - 60% at all times. The modulation level is adjusted to just get the Laser to "normal" brilliance on peaks, or just below the point where distortion is noticable on the RX end. The overall recovered audio drops a bit this way, but the distortion drops off terrifically, improving copy at the other end by a bunch.

Date: Sat, 14 Feb 1998 00:41:10 -0500
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-1@Lehigh.EDU
Subject: [3807] elmer101: QRP Power book
Message-ID: <199802140043_MC2-3348-C9AA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi Mike & all,

the book "QRP Power" has two excellent articles on the original 40-40 transceiver project. Some extra mods are included too.

I hope the revised version of the circuit board will not grow any larger in size, I have a great enclosure waiting for this rig.

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

Date: Fri, 13 Feb 1998 21:46:40 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3808] RE:Dan's kits
Message-ID: <199802140546.VAA11580@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

maccary@on-ramp.ior.com wrote:

> The big kit vendors like Heath, Eico, Johnson etc must have spent a
> lot of time and worry trying to make a manual that would allow a
> piece of gear to go together without mistakes and they did Beta
> testing of sorts by sending out kits under development for folks to
> assemble. I don't think a small, one man operation is in any position
> to furnish this kind of service.

Having built an Emtech transceiver kit purchased directly from Roy Gregson,

W6EMT, and having attempted to build a W6EMT-designed tuner marketed by Dan's, I'm here to tell you that Roy is in the position to furnish the necessary service. By just about any measure, the transceiver is a more complicated project than the antenna tuner, but I built it with far less doubt and consternation than I did the tuner. And the transceiver works, which is more than I can say about the tuner, at least yet.

--Frank, KC7YYR

Frank Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com --*-- (509) 326-7147 --*-- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people"

Date: Fri, 13 Feb 1998 22:00:17 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Tim Pettibone <tpettibo@nmsu.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3809] Re: FOX humble pie
Message-ID: <Pine.SUN.3.90.980213215928.11938A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Tim,

Hmmmm, I thought I heard him work you! Maybe it was just the vapor fox.....or the long delayed sig from last time!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 14 Feb 1998 01:33:30 EST
From: n7mfb@juno.com (Bill Todd)
To: nq2rp@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [3810] Re: Laser QRP

Message-ID: <19980213.222938.6783.0.n7mfb@juno.com>

>I used a 10 inch Fresnel to build a Solar Furnace back in the 60's.
>It was a kit from Edmund Scientific, and I found that it would MELT a
>steel ball-bearing in 10 seconds!

Hi Keith -

That Edmund Scientific reference brought up a memory of buying a
parabolic mini-dish that Edmund sold for use in lighting a cigarette.*

Of course, I had to swipe a Chesterfield cigarette from my dad in order
to "test" the little dish. Not a good idea (thinking of it as a Parent
myself), but I remember that it DID work (hi).

CUL, Bill-N7MFB

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 13 Feb 1998 19:22:26 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: JMcKee@rfmd.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3811] Re: Looking for Mini Circuits mixers
Message-ID: <icEsRQAY1J50EwVm@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-980213161729Z-
421@proxy1.rfmd.com>, John Mckee <JMcKee@RFMD.com> writes

>Hello Gang,

>

>Does anyone know a source for Mini Circuits TUF series mixers or
>can you buy directly from them? I need to get a few for some receiver
>design experiments.

I bought some TUF-1 mixers directly from their UK subsidiary.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>

Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Fri, 13 Feb 1998 22:41:07 -0800
From: Dave Fifield <fifield@pacbell.net>
To: rhaslach@CapAccess.org
Cc: QRP List <qrp-l@Lehigh.EDU>
Subject: [3812] Laser Communications (QRP, of course...)
Message-ID: <34E53C82.4050@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Robert,

I am pretty actively involved in Laser communications over here in the S.F. Bay Area. There is a whole bunch of hams/non-hams who have joined forces and set up a Laser email reflector. I am a member of it. I suggest you become one too. There are tons of archived messages available that will answer all of your questions. I suggest you join and re-ask the questions you just posted to qrp-l on it (the laser reflector).

You can find directions on Jim Moss's (N9JIM) web site at:

<http://www.qsl.net/wb9ajz/laser/laser.htm>

He has tons of links to laser related stuff there too.

I'll have a stab at answering your questions if you like:

> I have purchased a RS laser pointer and about (soon, I hope)
> construct a pair of transceivers using the recipe (more or less)
> outlined in QST Feb 97 p96. Question is this - has anyone in
> QRP-L followed other designs?

Yes, lots of us use the laser pointers for comms up to about 50miles. We generally use MCW, that is, we 100% A.M. the lasers with a 700Hz tone and use a simple photocell/amp arrangement in front of a large lens (fresnel page magnifiers are great for this) as our receivers. The main problem we have is aligning the TX's up with the RX's! It can sometimes take up to an hour!

> I am planning to modulate the laser for voice and also for CW.

> Question is this: what kind of damage to the laser can be wreaked
> by turning it on and off rapidly, repeatedly, by a key(er)?
> Or, is it better to vary the voltage into the laser pointer
> (between +3V and ...say... +1.5V) so that the laser drops below
> some threshold relative to the receiving and decoding solar cell?
> Any ideas?

Yep. You won't damage the laser by modulating it anywhere within its specified operating range. We turn them on/off (0V <-> 3V) at 700Hz. If you want to pass voice over a semiconductor laser though, you'll have problems! They do not A.M. well at all...they do not have a useable linear transition region where the light output varies with applied voltage. They are really either ON (lasing) or OFF (LEDing). This doesn't mean that you can't use them to pass voice comms however. Since they can be turned on/off extremely fast (in the hundreds of MHz), you can modulate them with a high frequency sub-carrier and recover the carrier/modulation information at the RX. The simplest form this can take is a 40KHz F.M. subcarrier that you recover using a simple 4046 PLL chip at the RX. I believe several of us laserheads have done this. For real long distance and scatter work (yes, it has been shown that there is useful sky/upper layer cloud backscatter on laser signals) you really need to use BPSK with a DSP RX. This is currently the technology frontier for laser comms. Several of the group are doing experiments with this stuff (not me....yet!). Give it a go...and let me know if you need any other help/intros. or parts that you can't get. See you on the laser list...

72/3, Dave Fifield, AD6AY

Date: Sat, 14 Feb 1998 00:51:22 -0600
From: "Roger Whitaker [K9LJB]" <k9lj@iname.com>
To: qrp-1@Lehigh.EDU
Subject: [3813] Re: QRP mobile
Message-ID: <34E53EE9.C5842767@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom, I've been working QRP mobile for several years now on 20 and 30 with the MFJ 90X0 rigs and a short Hustler. I have had a ball with them and have even worked DX. For example: Thursday I worked VP5/N9CK on 30meters in a "bi-state" QSO. I was caught in traffic on the Poplar street bridge leaving St. Louis, Mo. for Illinois. Further up the road I

had a 2XQRP QSO with AB7SQ, Dan, in Kirby, Wyoming who was running 5 watts to a HB rig. Just keep plugging away at it. You can do it, Tom.

See the latest additions to my web page in the ham radio section for pictures of "QRP in Motion"(tm).

72

--

Roger B. Whitaker K9LJB QRP-1 #1403

Remember it's nice to be important,
but it's more important to be nice.

Home page: <http://www.cityscape.net/~whitaker/>

Date: Fri, 13 Feb 1998 23:02:13 -0800
From: Dave Fifield <fifield@pacbell.net>
To: QRP List <qrp-1@Lehigh.EDU>
Subject: [3814] Happy 1000th Digest!!
Message-ID: <34E54175.1554@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Did anyone else notice that yesterday's digest was #1000?

Calls for some form of celebration I say! Let's see now, if I take my wife out for a nice dinner tomorrow, I can kill two birds with one stone - valentines and the 1000th digest celebration all in one!! Yeah, that's what I'll do.....don't tell her though... ;-)

72, Dave AD6AY

Date: Sat, 14 Feb 1998 02:16:26 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@lehigh.edu
Subject: [3815] Ten Tec 1254, any comments??
Message-ID: <199802140716.CAA02365@smtp2.erols.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Anyone out there build the Ten Tec 1254 receiver yet??
If so, I would appreciate any comments or troubles
that might have been encountered. Im getting ready to
start mine in the morning and welcome your thoughts
on the project. Thank you.

72, Scott w3cv

Date: Fri, 13 Feb 1998 23:27:56 -0800
From: Monte Stark <ku7y@dri.edu>
To: fifield@pacbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3816] Re: Happy 1000th Digest!!
Message-ID: <34E5477C.920655EC@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Fifield wrote:

> Let's see now, if I take
> my wife out for a nice dinner tomorrow, I can kill two birds with
> one stone - valentines and the 1000th digest celebration all in
> one!! Yeah, that's what I'll do.....don't tell her though... ;-)
>

Mine thinks I've forgotten all about St. Valentines Day.... Just wait
until she gets the flowers that are set up to be delivered to the beauty
shop tomorrow!! :-)

Like I said awhile back, you keep paying and paying for nice antennas!!

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Fri, 13 Feb 1998 16:08:34 +0000
From: Dick G0BPS <R00@kanga.demon.co.uk>
To: resmith@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3817] Re: QF0? QF0?
Message-ID: <IEdfPHACAH50EwRz@kanga.demon.co.uk>
MIME-Version: 1.0

In message <00ab01bd3891\$3cafa7c0\$1022a5ce@primenet.com.primenet.com>,
Ron Smith <resmith@primenet.com> writes
>Hi Dick,
>
>>Go away rapidly, with sexual links (ignore the 'Q')
>
>It has the same defination here (without the 'Q') but by adding the 'Q' I
>presume it means just the opposit. :-)

Actually no...

I have heard it used on air to tell a pest to go away.

Rude, but effective when I heard it.

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Sat, 14 Feb 1998 07:13:27 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: rflight@VNET.IBM.COM
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3818] Re: Dummy Load
Message-ID: <Pine.SOL.3.94.980214065049.29735E-1000000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On the use of 11 560-ohm resistors (1/2 w each) as a dummy load:

Although it might take some extra room, I would recommend that there be a small space (1/16 to 1/8") between resistor bodies to permit air flow and cooling of the resistors. The problem that might well arise is not resistor burn-out so much as it is value drift under heating for the interior resistors. With 11, the total parallel value might not change too much, but will change even less if there is a way for the heat from the individual resistors to dissipate to the air and not build up by being trapped in the middle.

As linearly structured (cylindrical) devices, resistors have about the minimum surface area possible and need all of it in contact with cooling air to properly dissipate heat--and they are converting just about all of the signal into heat, as any good dummy load is designed to do. Keeping them uniformly cool (both the inner and the outer ones) is significant to their operation as a true 50-ohm load.

You can use a piece of circuit board with pre-drilled holes on either end of the stack to reduce lead length and space the resistors. A single fat wire to the center pin of the coax connector, plus a wide copper strap soldered to the barrel and the back plate (throw away the shell, or build a QRP transmitter in it) will minimize strays. If your test equipment is sensitive to tiny fields, shield the entire assembly in a metal can; if not, use "bare."

When heat is involved, sometimes the tiniest possible is not quite the best possible. Of course, the dreamers can add another board with a stepper motor and microminiature fan to equalize the cooling, with a thermostatic control, of course, self-powered by a small amount of the rig output rectified to operating DC, with suitable protection from having this adversely affect the resistive value of the resistor array.

For quick checks on a hill top, the original will work fine. For the shop, an extra cubic inch to ensure continued accuracy through adequate air cooling may be doubly useful--it will also make the unit a little more difficult to misplace.

Which (irrelevantly) reminds me of another difference between QRP and QRO hams: QRO hams use egg cartons to sort parts; QRP hams use egg cartons to sort rigs and test equipment.

Date: Sat, 14 Feb 1998 07:00:53 -0500
From: Phil Rutledge <rut@mcrut.mv.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3819] FS: OHR400

Message-ID: <Version.32.19980214065907.010fa2a0@pop.mv.net>

Mime-Version: 1.0

Content-Type: text/html; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<html>

Hi folks- Forgot to mention that the DD-1 kit has been sold separately, so the price below has been reduced to reflect same.

Thanks--Phil (K1HS)

Hello all,

Due to the acquisition of additional equipment, I will be selling my Oak Hills OHR400 QRP rig. Rig covers 80, 40, 30, and 20 meter bands and delivers a good 5 watts+/- (adjustable) on all bands. Also featured are built in CW keyer w/ speed control, audio filter, AGC, "tune" setting, RF gain control, and=A0 manual copy. This unit is in excellent cosmetic and operational condition. Price for rig=A0 \$295.00 and includes shipping CONUS. If interested, drop me a note.

Thanks & 72/73--Phil=A0 (K1HS)

</html>

Date: Sat, 14 Feb 1998 08:04:24 -0500

From: W2MY & W2MBY <n2mnn@spacegate.com>

To: QRP-L messages <QRP-L@Lehigh.EDU>

Subject: [3820] FOX: N/T Fox on Valentine's Day

Message-ID: <34E59658.B36BC445@spacegate.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi everyone,

Last notice. I will be on 7.141 today Saturday afternoon Feb 14 as an N/T Fox , between 19:00 and 20:00 UTC. Thats 2 to 3 pm EST. This is to give the right coast more of a chance to bag me, as the skip should be shorter during that time.

72,

John, W2MBY
age:11

Date: Sat, 14 Feb 1998 08:45:27 -0500 (EST)
From: Bruce Muscolino <w6toy@pop.erols.com>
To: QRP-L@lehigh.edu
Subject: [3821] Elmer101:Book Sources
Message-ID: <2.2.16.19980214093731.283f42d2@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Those of you who are buying books for the Elmer Project should look at Kanga USA. Bill has excellent prices and his service is outstanding!

No relationship, just a satisfied customer.

73

Date: Sat, 14 Feb 1998 09:52:04 -0500
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <klqrp@waterw.com>, QRP-L <QRP-L@Lehigh.EDU>
Subject: [3822] 160M QRPP Beacon
Message-ID: <34E5AF94.5052ED87@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Reception reports for a temporary attended beacon on 1810 KHz would be appreciated. The beacon will run from 7PM-7AM EST Saturday, Feb 14th thru Monday, Feb 16th (2400-1200Z).

The power output will be 250mW. The antenna is a top loaded vertical (41' tall with a sloping capacitance hat). The radial system consists of 100 radials, and system efficiency is between 70 and 80 percent. The matching system uses a broadband 9:1 transmission line

transformer, designed by Jerry Sevick.

The beacon message will contain a four letter codeword just for fun--something appropriate for the season. Please do not list the codeword in any public postings.

Thanks, es Happy Valentines Day

Paul Stroud aa4xx@amsat.org Raleigh, NC

Date: Sat, 14 Feb 1998 10:00:07 EST
From: wa8rxi@juno.com (Rick Arzadon)
To: mikemo@ibm.net
Cc: qrp-l@lehigh.edu
Subject: [3823] ELMER101
Message-ID: <19980214.150528.7351.0.WA8RXI@juno.com>

Another good source of information, in my opinion, is the "Radio Handbook" by William Orr, W6SAI.

It's amazing how much stuff I can forget if I'm not retested HI..
I have put together a workbook to go along with this class to layout formulas,
draw schematics, etc. etc.
I think this will help me understand the basic concepts.

And, in some instances I will be getting my elmer101 information from the qrp-l archives e.g. when I am outta town and have to postpone qrp-l mail.

Thanks Mike es
72, Rick Arzadon - WA8RXI Taylor, MI.
[QRP-L #1368][ARCI #9050][MI-QRP #587]

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 14 Feb 1998 09:20:55 -0600
From: "William R. Moore" <wr.moore@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3824] Portable lights
Message-ID: <01bd395c\$25143e20\$ddd02430c@wrmoorerpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There was quite a thread several weeks ago about LED flashlights and other ways to light the rig when out camping. Just ran into this and thought others might be interested. I have not tried this, and cannot recommend it, but I may give it a try.

72,
Randy, KS4L
-----Original Message-----
From: Mitchell Hamm <mitch@nospam.palmtop.net>
Newsgroups: comp.sys.palmtops.pilot
Cc: tfogarty@m150.aone.net.au <tfogarty@m150.aone.net.au>
Date: Friday, February 13, 1998 10:20 AM
Subject: Re: Booklight and Palmpilot?

>> really need it. Any suggestion as to a good back light?
>> Would like to be able to clip it to a Rhinoskin titanium case.
>
><shameless self-promotion>
>
><http://www.palmtop.net/light.html>
>
></shameless self-promotion>
>
>Mitch
>The Palmtop Network

Date: Sat, 14 Feb 1998 11:28:30 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: Tim Ahrens <tahrens@inetport.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3825] Re: FYBO Pix - N8ET/W5FN
Message-ID: <Pine.LNX.3.93.980214112607.619A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Feb 1998, Tim Ahrens wrote:

> Finally found a place, and figured out how to put the web page up..
> www.inetport.com/~driftvfd/newpage1.htm

Tim,

Liked the pics! Loved the DDS, what is the Rustoleum number for that cardboard colored paint, hi.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | <http://dns.vidtel.com/~ccart> --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Sat, 14 Feb 1998 07:02:35 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: joseph.street@comdev.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3826] Re: VFO's and SCAF's
Message-ID: <XRaxyLALGU50Ewj1@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <FAD90E4CEE@mercury.camb.comdev.ca>, Joseph street 1635
<joseph.street@comdev.ca> writes

>Does anyone know a reasonable priced source for the IC's spec'd out
>in the now discontinued OHR SCAF circuit? I can get them from Digi
>Key for abt CAN \$22.00 each.....NOT!

>

>Also for you propeller heads out there.....if you wanted to build a
>VFO that could tune 100khz and had two outputs one 90 degrees out of
>phase with the other for a sine and cosine output, which retained
>this phase relationship over the tuning range, how would you do it?

The ARRL Handbook has details of how to do this in the section on Rick Campbell's R2 phasing Rx. Another (expensive) way to do it is to use two DDS like the AD9850, one for each phase, driven from a common clock. This could give you a tuning range from almost 0 Hz up to over 50 MHz!

73, Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " ["/diy_dsp.htm](http://www.lfheller.demon.co.uk/diy_dsp.htm) for a simple DIY DSP ADSP-2104 system.

Date: Sat, 14 Feb 1998 11:25:15 -0500 (EST)
From: Lee Lumpkin <lumpkin@cs.oberlin.edu>
To: qrp-1@lehigh.edu
Subject: [3827] OHR SCAF chips
Message-ID: <Pine.ULT.3.96.980214111228.10027A-1000000@occs.cs.oberlin.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since I have seen several people post concerning the ICs used in the OHR SCF-1A, I thought I'd post the information I have. I recently purchased an older version (jacks panel mounted rather than PCB mounted) from a dealer who'd had several for years. I wrote OHR requesting any info on circuit mods or tweaks since the first model, and received the following response:

<quote>-----

I am unaware of any circuit changes or improvements for the SCF-1A. The only thing I did was put the rear panel jacks on the board. Have fun with the kits. But be careful with the ICs. National Semi no longer makes the filter ICs used. I am designing a new SCAF filter that is continuously variable. Watch my web page.

73,
Dick

<unquote>-----

I would assume that Digikeyer and other suppliers will run out in time. I'd quote you a price and ordering number for where I got the full OHR kits for less than the price mentioned for the ICs from DigiKey, but unfortunately, they're all gone. (I picked up two of the three he had.)

Hope this info helps. You may just want to wait for the continuously variable model from OHR.

72,
Lee KB8WEV

Eye run this threw may spill chigger all ready.

Date: Sat, 14 Feb 1998 11:27:46 -0500

From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [3828] Sputnik40 QSL
Message-ID: <01bd3965\$7b9b5720\$595445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Anyone know what the QSL address for Sputnik40 is?

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309

Date: Sat, 14 Feb 1998 16:58:46 -0800
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [3829] Re: OHR SCAF chips
Message-ID: <34E63DC6.58A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got two of the last SCAF filters from OHR. Based on a telephone conversation with Dick at OHR about two weeks ago, the plans for the variable bandwidth audio filter mentioned by KB8WEV have been dropped. It was felt that the filters had not been that good of a seller. The circuit that was under consideration was the one by K7OWJ in QST, July, 1995, page 30 (and has also appeared in a recent ARRL Handbook). The board is available from FAR Circuits (<http://www.cl.ais.net/farcir/>) and the Maxim chips (MAX295) are available from Digi-Key (<http://www.digikey.com>). The unit has a fixed low frequency cutoff and a variable high frequency cutoff to achieve the bandpass filter characteristic. The SCAF has been dropped from the current OHR web page, <http://www.ohr.com/>. The MAXIM web page is at

<http://www.maxim-ic.com/> .

73, Harvey, N6MM.

Date: Sat, 14 Feb 1998 13:48:28 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [3830] AH7R 21.058 1834Z
Message-ID: <34E5E6FC.695C@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked Mike AH7R--sounds like they made it
to their portable site--Zack W1VT

Date: Sat, 14 Feb 1998 13:42:20 -6
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@lehigh.edu
Subject: [3831] Re: FYBO Pix - N8ET/W5FN
Message-ID: <199802141937.0AA15829@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

That "cardboard colored paint" looked like that because it was
cardboard - unfinished!

73 - Bill - N8ET

> Tim,
>
> Liked the pics! Loved the DDS, what is the Rustoleum number for that
> cardboard colored paint, hi.
>
> -- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
> -- N3XRV ARRL-VE QRP WAS 28/13(w/c) | <http://dns.vidtel.com/~ccart> --
> -- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --
>
>
>

>
73 - Bill - N8ET
Kanga@bright.net
www.bright.net/~kanga/kanga/

Date: Sat, 14 Feb 1998 15:01:38 EST
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [3832] N8VZU/AG
Message-ID: <6497c14b.34e5f824@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Well people, I went and did it! I'm now a General class Ham!!!!
As a matter of fact I even got my 20 WPM code, man was this a surprise.
I need to know if this means I can't run my scheduled N/T+ Fox Hunt Sunday
night?

Any way, I'm as happy as a pig in mud.

72, 73
Dan, N8VZU/AG
QRP-L #1404

Date: Sat, 14 Feb 98 15:01:48 PST
From: gregoire@endor.com
To: zlau@arrl.org, Low power amateur radio discussion <qrp-l@Lehigh.EDU>
Subject: [3833] RE: AH7R 21.058 1834Z
Message-ID: <Chameleon.980214150449.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Hello Zack, and Gang,

I also worked AH7R and KH6AFS, QRP to QRP on 15 meters.

Gee! too bad no one uses this band.

73

de AA1IK, Time the accursed enemy of man,

Ernie Gregoire cursed youth for going to slow
and by the old for going to fast.

R.R. 1, Box 221,
South Rd. Fists # 2644, ARCI # 9500
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,
 Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

02/14/98 15:01:48

Date: Sat, 14 Feb 1998 13:30:43 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu, "Harvey D. D. Hetland" <n6mm@earthlink.net>
Subject: [3834] Aurdio Filter
Message-ID: <199802142029.NAA24701@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Harvey es gang--

>>circuit that was under consideration was the one by
K7OWJ in QST, July, 1995, page 30 (and has also appeared
in a recent ARRL Handbook). The board is available from
<<

I looked at producing a variation of Sam Ulbing's (N4UAU) SCAF
filter, the one the OHR filter is based on. Even went so far as to
get permission from Sam, and talked to FAR about boards, BUT--
the IC's have been discontinued and there is no equivalent as far as
I know.

So I looked at the K7OWJ design, but it appears the minimum bandwidth
is about 300Hz. The Ulbing design went down to 108Hz (and could be
programmed even narrower) and I use that setting often, so 300Hz
was just not going to be enough.

Sorry to hear the OHR one has been discontinued-- sold a lot of
them when I was selling OHR products, and still recommend it to

people.

I'm still interested in kitting and distributing an appropriate circuit, if anyone has any suggestions....

73

Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382

--

Date: Sat, 14 Feb 1998 14:44 -0800 (PST)
From: eakwik@mail.hac.com
To: qrp-l@Lehigh.EDU
Subject: [3835] Am I ready? Update
Message-ID: <0E0D00003YA1LD@mail.hac.com>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

I want to thank all of the list members who gave such great advise and encouragement. I posted a question a couple of weeks ago asking if I was ready to take my exam. The replies of just do it and go for it were fantastic. Several mentioned that I should try to pass the higher code and written exams because I had nothing to loose. Well you were right. I spent the last couple of weeks listening to high speed code and coping as much as I could rather than staying at 10 wpm and striving for 100% copy. I took my exam this morning. Not only did I pass the novice, tech, and general written tests, I also pasted the 20 wpm test. Again, thanks everyone, I could not have done it with out the help from this list and the support from my wife and family.

73's

PS Got a ZM-2 for a Valentines day present!

Ed Kwik NO_CALL but not for long QRP-L #1444

Date: Sat, 14 Feb 1998 14:54:32 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <eakwik@mail.hac.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [3836] Re: Am I ready? Update
Message-ID: <199802142056.0AA11614@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Congrats, this stuff isn't so hard, but you have to be willing
to try :-)
de Walter Dufrain AG5P Wright City, Missouri

> and striving for 100% copy. I took my exam this morning. Not only
> did I pass the novice, tech, and general written tests, I also
pasted
> the 20 wpm test. Again, thanks everyone, I could not have done it
> with out the help from this list and the support from my wife and
> family.
>
> Ed Kwik NO_CALL but not for long QRP-L #1444

Date: Sat, 14 Feb 1998 14:58:44 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <Shepherd@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [3837] Re: N8VZU/AG
Message-ID: <199802142100.PAA12020@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Congrats, Dan, now you can take check-ins at 20wpm
de Walter AG5P Wright City, Missouri

>
> Well people, I went and did it! I'm now a General class Ham!!!!
> As a matter of fact I even got my 20 WPM code, man was this a surprise.
> I need to know if this means I can't run my scheduled N/T+ Fox Hunt
Sunday
> night?
>

> Any way, I'm as happy as a pig in mud.
>
> 72, 73
> Dan, N8VZU/AG
> QRP-L #1404

Date: Sat, 14 Feb 1998 22:32:18 +0200 (EET)
From: "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
To: qrp-l@lehigh.edu
Subject: [3838] Sierra & KC-2 mods ...
Message-ID: <01ITL587XTT08Y6AV6@vyh21.vyh.fi>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Gang,

Thanks for all the good advice on how to get rid of the slight warble in the Sierra & KC-2 combination. I followed Dave Meacham's advice for the KC-2 (in a Cascade), more or less. He wrote it up in QRPp of Dec. 96, p. 59.

I had to take the KC-2 from the fron panel to increase the value of the coupling cap (C8) between first & second stage of the VFO buffer from 22pF to 82pF (Dave used 100pF) and so I took the opportunity to do two other small mod's I had planned for some time.

First of all, I got rid of the warble alright. The coupling cap from the VFO to the KC-2 is now only 4 pF and I didn't need to use coax.

My other mod's were as follows:

1. Use the AUX output of the KC-2 to switch the sidetone oscillator on. You can then zero beat a signal very accurately against your own sidetone and be right on spot - assuming the rig is adjusted properly.

It's very simple to do: wire a MOSFET 2N7000 (BS170) with source to ground, drain to the anode of D3 (pin 5 of R6C) through a Si-diode in series. The anode of this extra diode goes to the anode of D3. The two diodes form a logical OR gate. The gate of the MOSFET is connected to the AUX signal from the KC-2. Only two parts to fit to the bottom of the PCB.

2. Inhibit the TX during message recording with a similar MOSFET switch circuit. This time no extra diode is needed. The drain of the

new MOSFET goes to the gate of Q8 (keying MOSFET). Source goes to ground and the gate is connected to the MSG REC line of the KC-2. Only one part to fit on the bottom of the PCB and no messing with RF signals.

I hope these mods are of use to others. If you have questions, feel free to send me a message.

73, OH2ZAZ

Arjen Raateland

---... --- --... --- .. --- --... --...
Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax +358 9 4030 0490
..--.. --..

Date: Sat, 14 Feb 1998 14:06:49 -0700
From: Phil <k6ls@prolynx.com>
To: vhf@w6yx.stanford.edu, qrp-l@Lehigh.EDU
Subject: [3839] wtb- Wavetek manual
Message-ID: <34E60769.82C914AB@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for a source for a manual for a Wavetek 3000-200
Signal generator (1-520Mhz).

any leads would be appreciated.

tnx

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
http://www.qsl.net/k6ls
http://www.prolynx.com/k6ls
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Sat, 14 Feb 1998 14:50:57 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-1@Lehigh.EDU
Subject: [3840] Vari SCAF
Message-ID: <199802142150.0AA11987@smtp02.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I built the Variable SCAF from the July 95 QST. Used the 297 chips and Far CCTs board, 1:1 isolation xfmrs in/out and added a LM386 amp to equalize in/out audio. Fantastic for slicing off hi side QRM.
73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=108

Date: Sat, 14 Feb 1998 17:07:46 EST
From: Shephed@aol.com
To: eakwik@mail.hac.com, qrp-1@lehigh.edu
Subject: [3841] Re: Am I ready? Update
Message-ID: <2a78fd41.34e615b4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Ed,
Congrats! I know how you are feeling now, it's not too bad once you get in there and try.

Hope to hear you on the bands soon, and good job!

72, 73
Dan, N8VZU/AG
QRP-L #1404

Date: Sat, 14 Feb 1998 17:11:42 EST
From: Shephed@aol.com
To: qrp-1@Lehigh.EDU
Subject: [3842] N/T+ Fox for 2/16/98 Kinda :-)
Message-ID: <75478c46.34e616a0@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Well as you know by now I made my General, but if it's all right with everyone
I still would like to be the N/T+ Fox as scheduled.
Next time I'll give it a try on the lower end. :-)

My name is Dan Shepherd, N8VZU/AG from Kettering, Oh.
I will be the Fox on 2/16/98 from 0000 to 0200Z (Sunday 1900 EST)
I will work around 7.140 +/- MHz
Rig is a Yaesu FT-101 at 5 W into a Hy-Gain AVT/WB-A vertical.

72' 73 de
Dan, N8VZU/AG
QRP-L #1404

Date: Sat, 14 Feb 1998 15:28:55 -0700
From: "Ron Smith" <resmith@primenet.com>
To: <eakwik@mail.hac.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [3843] Re: Am I ready? Update
Message-ID: <018a01bd3998\$44461de0\$3922a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What to go Ed. Congratulations. Now that the iron is hot, keep going. Hit
them books for Advanced and Extra. :-)

72

Ron Smith

Amateur Radio Callsign: KD7VD
Boise, Idaho
E-mail: resmith@primenet.com
QRP-L #1291...ARCI #9580...NorCal #????
AK/QRP #352

Date: Sat, 14 Feb 1998 17:36:16 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Shephed@aol.com" <Shephed@aol.com>
Cc: QRP Discussion Group <qrp-1@Lehigh.EDU>, "Doc (W.D.) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [3844] N/T+ Fox for 2/16/98 Kinda :-)
Message-ID: <199802141740_MC2-3359-639A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Dan:

Yep--well we will not let you get away without one last one evening's worth of huntin' fer ya! So get ready, old buddy. We's a'comin' after ya, fer shore :-).

BTW, congrats on making it to the new grade. You will have a blast with all the new frequencies and modes available to you. Welcome aboard. And keep up the excellent operating standards you have demonstrated so far. Good job.

Hope to catch you tomorrow night.

72/73,
--Doc Lindsey/K0EVZ qrp-1 861 Grid EN34
MWBC
519 16th Street SE
Rochester, MN 55904
507-289-5108 (evenings)

Date: Sat, 14 Feb 1998 16:50:37 -0600
From: crc <crc@io.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [3845] mobile qrp
Message-ID: <34E61FBD.4FDF@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am thinking about building a small 40 meter ssb/cw rig for mobile use in my jeep, space limited, changable bands would be nice but not necessary....any sugestions as to the better rigs to build (or heaven

forbid buy) for this would be greatly appreciated.
thanks ...charlie WA5KRF crc@io.com

Date: Sat, 14 Feb 1998 15:17:04 -0600
From: "QRPDave" <QRPDave@ocsnet.net>
To: <Listserve@Listserve.Tempe.gov>
Cc: <QRP-L@Lehigh.EDU>
Subject: [3846] Looking for Mohican--WTB
Message-ID: <19980214231735375.AAA305@QRPDave>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I am looking for a very nice Heathkit Mohican for shortwave listening.
Would be interested in buying one from you if you have one. Thanks,
QRPDave

Date: Sat, 14 Feb 98 16:26:35 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [3847] SWLmer Prerequisites
Message-ID: <199802142328.RAA15278@endeavor.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

All - I read with interest the list of "required" materials for those of us participating in the "SWLmer" class. One item was missing from my bench - a DMM (that is a digital multimeter right?) Who is the elmer that won't let me use my old analog Simpson 260?? Actually I don't have an RF probe either, but with my old Tektronix 585 (now I know everybody is laughing) I find I don't need one. The Tek 85 MHz scope cost me \$12 for those of you still laughing. It is one of the finest scopes Tektronix ever made, but that is another story. It is not portable, and I had to pay \$20 for a cart, but that is the novelty of it right?

I guess I need to look for a metal cigar case to build an RF probe in now, but with the recent interest in cigars that won't be cheap either. I was a lot happier when being obnoxious was not popular.

Shamed by my lack of modern test equipment, last night I went to the local test equipment auction and bought a fine Keithly 178 3.5 digit

digital multimeter for \$20. I hope it is OK for the elmer project. What do you guys that won't let me use my Simpson think? It measures DC volts (10MOhm input impedance), AC volts and Ohms. Now I know there is no current range on this fine meter, but that is OK right? I mean the Simpson will be OK for that right? The meter is not true RMS but that is ok too isn't it? There is another auction in two weeks if I need to buy another meter.

I am reading the required Handbook passages. Doesn't hurt to review. Pretty good stuff. If you look into the RF probe described in the Handbook you will find it requires a 7 pin miniature tube socket and shield!! Even in the 1998 Handbook. They say you can find them at Hamfests. No kidding. Use a metal cigar tube, or cheap metal pen if you can find one. My wife and kids force me to smoke them outside, far away. And I hear admonitions about forest fires.

I really do like my old Simpson meter. It cost me \$10. I was brought up on analog test equipment, including my father's old Eico multimeter. I remember when one of his grad students tried to measure battery voltage on the Ohms scale. He had to send it back to Eico for a new movement and I have remembered his wrath ever since. I must have been 5 or 6 at the time. Now, as a result of that childhood trauma, I always double check the meter setting before applying the test probes to everything. He still has the repaired meter, and it works fine.

Looking forward to finding out how radios work; yours always in analog measurements; - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Sat, 14 Feb 1998 15:38:39 -0600
From: "QRPDave" <QRPDave@ocsnet.net>
To: <QRP-L@Lehigh.EDU>
Subject: [3848] WTB: Heathkit Mohican RX
Message-ID: <19980214233904468.AAA279@QRPDave>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello there! This is hot QRP-related, but I am looking for a nice Heathkit Mohican short wave receiver. Thanks! QRPDave

Date: Sat, 14 Feb 1998 15:39:18 -0800
From: Conrad <radman@best.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [3849] RS Freq Counter Update & Summary...
Message-ID: <01BD395E.B747FFA0@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Thanks to the many who responded to my questions re: the discontinued =
Radio Shack #22-305 Freq Counter. With the help of several folks on this =
list and the good folks at RS, I was able to locate a brand new #22-305 =
for the "devalued" price of \$39.97. I located the unit by phoning =
numerous RS stores until I found the "one in the back room." Sorry I =
can't report on some hidden stash of these things. It took a bit of =
looking, but they're not quite as rare as Heath HW-9's :).

Summary: This instrument is a pocket-sized frequency counter with a =
back-lit LCD display. Range is 1Mhz-1.3Ghz. Runs on 4 "AA" batts. It has =
two gate speeds (128 Milsec and 1.28 Seconds) so you can choose between =
speed of acquisition and resolution. It has a BNC connector that will =
accept the supplied telescoping whip antenna or a scope probe for bench =
work. As a bench unit the maximum input is 1.4V peak-to-peak, so you'll =
want to watch/measure your signal levels coming in. The unit also has a =
9VDC jack if you wish to use an AC wall-wart adapter... not supplied =
with unit.

Brief lab test: I've bench-tested this thing against my Fluke 1900A freq =
counter... and they agree on the numbers! (At least up to 80 Mhz which =
is as high as my Fluke will count.) My intent is to use the RS unit in =
the field for QRP freq checks. At \$39.97, I would certainly recommend =
this product to anyone contemplating a purchase.=20

Usual disclaimer: I have NO interest in Tandy Corp or its holdings.

Thanks to the many who offered help... Great List !!,

72 -- Conrad -- nn6cw.

=20

=20

Date: Sat, 14 Feb 1998 18:38:37 EST
From: Elekktron1@aol.com
To: qrp-l@Lehigh.EDU
Subject: [3850] R.A. Kent Keys
Message-ID: <c2d7c549.34e62aff@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The R. A. Kent company phone has been disconnected. Are they moving, or have they gone out of business? These people import Morse code straight keys and paddles from the U. K. I presume the U.K. people are still operating, but what has happened to the U. S. importers? Anyone know? Up until now they always have an ad in QST..what gives?.....

Date: Sat, 14 Feb 1998 18:20:00 -0500
From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: gregoire <gregoire@endor.com>, Low power amateur radio discusion <qrp-l@lehigh.edu>
Subject: [3851] RE: AH7R 21.058 1834Z
Message-ID: <m0y3rJ8-000Zn1C@mgate.arrl.org>

I have about 330 QRP QSOs on 15M in the past three months, actually a bit more than on 20.--Zack W1VT

End of QRP-L Digest 1001

